

(FILE 'USPAT' ENTERED AT 07:42:23 ON 11 MAY 1999)

L1 302 S (EMAIL OR E(W)MAIL) (P) (PICTURE# OR IMAGE# OR ICON# OR GR
APH
L2 36 S AUTOMATIC? (P) L1
L3 1982 S GUI OR GRAPHIC (W) USER# (W) INTERFACE#
L4 4 S L2 AND L3
L5 3560 S GUI OR GRAPHIC? (W) USER# (W) INTERFACE#
L6 83 S L1 AND L5
L7 426020 S CONTROL? (P) SELECT?
L8 53 S L6 AND L7
L9 53 S L8 AND (AGENT OR ICON OR IMAGE# OR SYMBOL# OR IDOL# OR
CHA
L10 7 S L9 AND FRIENDLY
L11 15 S L1 /AB
L12 6 S L9 AND L11
L13 21 S L6 AND ANIMAT?
L14 18 S L7 AND L13
L15 3 S L14 AND SIMULAT?
L16 31 S L8 AND APPENDED
L17 5 S L16 AND HEADER
L18 5 S L17 AND (PREDEFIN? OR PREDETERMIN?)
L19 2 S L18 AND EXPIR?
L20 12 S L1 (P) HEADER
L21 2 S L20 AND (ANIMAT? OR SIMULAT?)
L22 2095 S (EMAIL OR E(W)MAIL OR ELECTRONIC# (W) (MAIL# OR MESSAGE#) (
P) G
L23 145 S L22 /AB
L24 86219 S (AUTOMATIC? OR VOLUNT?) (3W) (SEND? OR SENT OR RECEIV? OR
CON
L25 18 S L23 AND L24
L26 11862 S HEADER AND (SENTENCE# OR MESSAGE# OR CONTENT) AND (CLASS

L27 4 S L25 AND L26

=> d 1-4

1. 5,784,095, Jul. 21, 1998, Digital audio system with video output program guide; Clyde Robbins, et al., 348/6, 10, 906; 455/6.2 [IMAGE AVAILABLE]
2. 5,579,472, Nov. 26, 1996, Group-oriented communications user interface; George A. Keyworth, II, et al., 345/326; 340/825.44 [IMAGE AVAILABLE]
3. 5,333,266, Jul. 26, 1994, Method and apparatus for **message** handling in computer systems; Wade Boaz, et al., 395/200.36; 379/88.13, 93.15, 93.24, 100.08, 908; 709/248 [IMAGE AVAILABLE]
4. 5,247,591, Sep. 21, 1993, Method and apparatus for the primary and secondary routing of fax messages using hand printed characters; Paul Baran, 382/179; 283/117; 358/402, 440; 382/317 [IMAGE AVAILABLE]

=> e microsoft /as

E#	FILE	FREQUENCY	AT	TERM
E1	USPAT	1		MICROSLATE CORP/AS
E2	USPAT	5		MICROSLATE INC/AS
E3	USPAT	2	-->	MICROSOFT/AS
E4	USPAT	5		MICROSOFT CORP/AS
E5	USPAT	865		MICROSOFT CORPORATION/AS
E6	USPAT	1		MICROSOFT CORPORATION INC/AS
E7	USPAT	2		MICROSOME/AS
E8	USPAT	3		MICROSONIC ENGINEERING DEVICES CO MPANY INC/AS
E9	USPAT	1		MICROSONIC GESELLSCHAFT FUR MIKRO ELEKTRONIK UND ULTRASCHALLTECHNIK MBH/AS
E10	USPAT	2		MICROSONIC INC/AS
E11	USPAT	3		MICROSONICS CORPORATION/AS
E12	USPAT	4		MICROSONICS INC/AS

=> s e3-e6

2 MICROSOFT/AS
5 "MICROSOFT CORP"/AS
865 "MICROSOFT CORPORATION"/AS
1 "MICROSOFT CORPORATION INC"/AS
L1 873 (MICROSOFT/AS OR "MICROSOFT CORP"/AS OR "MICROSOFT CORPORAT
ION
"/AS OR "MICROSOFT CORPORATION INC"/AS)

=> s meail or mail or e(w)mail or electronic#(w) (mail or message#)

0 MEAIL
11108 MAIL
1440290 E
11108 MAIL
1189 E(W)MAIL
320836 ELECTRONIC#
11108 MAIL
61511 MESSAGE#
2230 ELECTRONIC#(W) (MAIL OR MESSAGE#)
L2 11304 MEAIL OR MAIL OR E(W)MAIL OR ELECTRONIC#(W) (MAIL OR MESSAGE
#)

=> s 12 /ab

0 MEAIL/AB
1673 MAIL/AB
75357 E/AB
1673 MAIL/AB
82 E/AB(W)MAIL/AB
45343 ELECTRONIC#/AB
1673 MAIL/AB
10329 MESSAGE#/AB
204 ELECTRONIC#/AB(W) (MAIL/AB OR MESSAGE#/AB)
L3 1703 (MEAIL/AB OR MAIL/AB OR E/AB(W)MAIL/AB OR ELECTRONIC#/AB(W)
(MA
IL/AB OR MESSAGE#/AB))

=> del 12-13

DELETE L2-L3? (Y)/N:y

=> s email or mail or e(w)mail or electronic#(w)(mail or message#)

```

    313 EMAIL
    11108 MAIL
1440290 E
    11108 MAIL
    1189 E(W)MAIL
    320836 ELECTRONIC#
    11108 MAIL
    61511 MESSAGE#
    2230 ELECTRONIC#(W)(MAIL OR MESSAGE#)
L2    11396 EMAIL OR MAIL OR E(W)MAIL OR ELECTRONIC#(W)(MAIL OR MESSAGE
#)
```

=> s 12 /ab

```

    12 EMAIL/AB
    1673 MAIL/AB
    75357 E/AB
    1673 MAIL/AB
    82 E/AB(W)MAIL/AB
    45343 ELECTRONIC#/AB
    1673 MAIL/AB
    10329 MESSAGE#/AB
    204 ELECTRONIC#/AB(W)(MAIL/AB OR MESSAGE#/AB)
L3    1711 (EMAIL/AB OR MAIL/AB OR E/AB(W)MAIL/AB OR ELECTRONIC#/AB(W)
(MA
      IL/AB OR MESSAGE#/AB))
```

=> s 11 and 13

L4 13 L1 AND L3

=> s 4 and gui or graphical(w)interface#

```

    2389452 4
    1682 GUI
<-----User Break----->
u
SEARCH ENDED BY USER
```

=> s 14 and (gui or graphical(w)interface#)

```

    1682 GUI
    44579 GRAPHICAL
    242496 INTERFACE#
    727 GRAPHICAL(W)INTERFACE#
L5    0 L4 AND (GUI OR GRAPHICAL(W)INTERFACE#)
```

=> d 14 1-13

1. 5,877,765, Mar. 2, 1999, Method and system for displaying internet shortcut icons on the desktop; David R. Dickman, et al., 345/349, 329, 357 [IMAGE AVAILABLE]
2. 5,867,646, Feb. 2, 1999, Providing secure access for multiple processes having separate directories; Max L. Benson, et al., 395/186 [IMAGE AVAILABLE]
3. 5,838,923, Nov. 17, 1998, Method and system for synchronizing

computer mail user directories; Duncan Wayne Lee, et al., 395/200.66;
707/201; 709/206, [REDACTED]; 714/748 [IMAGE AVAILABLE]

4. 5,835,084, Nov. 10, 1998, Method and computerized apparatus for distinguishing between read and unread messages listed in a graphical message window; Steven J. Bailey, et al., 345/326 [IMAGE AVAILABLE]

5. 5,832,502, Nov. 3, 1998, Conversation index builder; Peter E. Durham, et al., 707/104; 709/206 [IMAGE AVAILABLE]

6. 5,826,269, Oct. 20, 1998, Electronic mail interface for a network server; Peter Hussey, 707/10; 395/500; 707/2, 3, 5, 7, 9, 104, 500, 526; 709/206, 250; 710/112 [IMAGE AVAILABLE]

7. 5,822,526, Oct. 13, 1998, System and method for maintaining and administering email address names in a network; Edward Paul Waskiewicz, 395/200.36; 709/207, 218 [IMAGE AVAILABLE]

8. 5,818,447, Oct. 6, 1998, System and method for in-place editing of an electronic mail message using a separate program; Richard J. Wolf, et al., 345/335; 707/516, 524; 709/206, 303 [IMAGE AVAILABLE]

9. 5,793,970, Aug. 11, 1998, Method and computer program product for converting message identification codes using a conversion map accessible via a data link; Thomas F. Fakes, et al., 395/200.46; 379/93.24; 707/1; 709/219 [IMAGE AVAILABLE]

10. 5,689,565, Nov. 18, 1997, Cryptography system and method for providing cryptographic services for a computer application; Terrence R. Spies, et al., 380/25, 24 [IMAGE AVAILABLE]

11. 5,644,706, Jul. 1, 1997, Failure detection and reporting for a computer mail gateway; Adrian Ruigrok, et al., 364/241.7, DIG.1; 370/242; 709/224 [IMAGE AVAILABLE]

12. 5,627,997, May 6, 1997, Method and system for converting computer mail messages using an extensible set of conversion routines; Malcolm E. Pearson, et al., 395/500; 370/428; 709/206, 246 [IMAGE AVAILABLE]

13. 5,557,723, Sep. 17, 1996, Method and system for customizing forms in an electronic mail system; Nick Holt, et al., 707/506; 345/333; 358/402; 707/530 [IMAGE AVAILABLE]

=> s (email or e(w)mail or electronic#(w)(mail or message#))

```
      309 EMAIL
1438535 E
      11059 MAIL
      1170 E(W)MAIL
      320330 ELECTRONIC#
      11059 MAIL
      61339 MESSAGE#
      2210 ELECTRONIC#(W)(MAIL OR MESSAGE#)
L1      3018 (EMAIL OR E(W)MAIL OR ELECTRONIC#(W)(MAIL OR MESSAGE#))
```

=> s l1(p)parameter#(p)(modified or modify or modifying or chang? or customiz?)

```
      277166 PARAMETER#
      481500 MODIFIED
      99144 MODIFY
      96494 MODIFYING
      1260756 CHANG?
      15640 CUSTOMIZ?
L2      17 L1(P)PARAMETER#(P)(MODIFIED OR MODIFY OR MODIFYING OR CHANG
? O
      R CUSTOMIZ?)
```

=> s l2(p)(text)(p)(header or address? or destination or target or format or name or sender or receiver or subject or bind(w)copy)

```
      49100 TEXT
      35640 HEADER
      203072 ADDRESS?
      35082 DESTINATION
      120721 TARGET
      91283 FORMAT
      163855 NAME
      6462 SENDER
      136992 RECEIVER
      437931 SUBJECT
      48716 BIND
      60945 COPY
L3      3 L2(P)(TEXT)(P)(HEADER OR ADDRESS? OR DESTINATION OR TARGET
OR
      FORMAT OR NAME OR SENDER OR RECEIVER OR SUBJECT OR BIND(W)C
OPY
      )
```

=> d 1-3

1. 5,870,454, Feb. 9, 1999, Telecommunications speech/text conversion and message delivery system; Johan Dahlen, 379/88.14, 88.13, 100.01, 100.08, 100.13 [IMAGE AVAILABLE]

2. 5,588,009, Dec. 24, 1996, Personal paging, communications, and locating system; Craig A. Will [IMAGE AVAILABLE]

3. 5,479,408, Dec. 26, 1995, Wireless personal paging, communications, and locating system; Craig A. Will, 370/313; 340/825.44; 370/349; 379/56.3; 455/38.1 [IMAGE AVAILABLE]

US PAT NO: 5,870,454 [IMAGE AVAILABLE]

L3: 1 of 3

DETDESC:

DETD(24)

Step . . . & collector provides an opportunity for calling party 22 to specify what type of receiving equipment is to receive the **text** message generated by the service. For example, as represented by the blocks 90A-90G in FIG. 1, a variety of types of receiving equipment (fax computer, memo computer, **E-mail** computer, ISDN **receiver**, etc.) may be available for sending the **text** message to the particular called party. At step 234 the prompter & collector gives calling party 22 an opportunity to. . . it should be understood that the steps of main menu option (1) would optionally suitably include a step for enabling **change** to such a default **parameter**.

US PAT NO: 5,588,009 [IMAGE AVAILABLE]

L3: 2 of 3

DETDESC:

DETD(148)

If . . . been pressed. If yes, the appropriate action is taken 466, depending upon the location of the cursor in the displayed **text** and the context. This action may be to display different **text**, to execute a command that **changes** a local **parameter** (e.g., silencing the auditory alarm), or to execute a command or select a response that results in input data being. . . a subpacket is formatted with an appropriate response sequence, including an Input Packet Number and a channel number indicating the **destination address** of the response. This sequence number is entered after incrementing the current Input Packet Number saved as a variable. The. . . message is selected a subpacket is formatted in the same manner as described above. Either a channel number or the **text** of an **email address** is sent, depending upon whether the **address** is in the preprogrammed list or composed by the user. Any such input data is held in the Input Data. .

US PAT NO: 5,479,408 [IMAGE AVAILABLE]

L3: 3 of 3

DETDESC:

DETD(146)

If . . . been pressed. If yes, the appropriate action is taken 466, depending upon the location of the cursor in the displayed **text** and the context. This action may be to display different **text**, to execute a command that **changes** a local **parameter** (e.g., silencing the auditory alarm), or to execute a command or select a response that results in input data being. . . a subpacket is formatted with an appropriate response sequence, including an Input Packet Number and a channel number indicating the **destination address** of the response. This sequence number is entered after incrementing the current Input Packet Number saved as a variable. The. . . message is selected a subpacket is formatted in the same manner its described above. Either a channel number or the **text** of an **email address** is sent, depending upon whether the **address** is in the preprogrammed list or composed by the user. Any such input data is held in the Input Data. .